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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Initial Application of:

Philip Y.W. Tsui

Application No.: 10/051,331

Filed: January 15, 2002

For: **TRANSMITTER FOR OPERATING  
ROLLING CODE RECEIVERS**

Examiner: Unknown

Art Group: 2185

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MAY 21 2003

Technology Center 2100

**SECOND PRELIMINARY AMENDMENT**

Mail Stop NON FEE AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-entitled application, please amend the application as follows:

**IN THE SPECIFICATION**

Certain paragraphs of the specification have been amended. Attached hereto as Appendix A is a copy of the marked-up paragraphs.

Please replace the paragraph beginning on page 1, line 7 and ending on page 1, line 21 with the following paragraph:

B<sup>1</sup>  
--Transmitter-receiver controller systems are widely used for remote control and/or actuation of devices or appliances such as garage door openers, gate openers, and security systems. Rather than transmitting a single code N to operate the receiver, rolling code technology is based on the idea that the recognized operating code of the security system changes